

**ABSTRACT**  
**IFB# 2016-0199-PW/RM**  
**LEASE & SHORT TERM RENTAL OF HEAVY EQUIPMENT**

**SUBMITTED PROPOSALS:**

**Vendor 1:**

**Easton Sales and Rentals, LLC**  
**7900B Reading Avenue, SE**  
**Albuquerque, NM 87105**  
**(505) 877-1041**

**Vendor 2:**

**4 Rivers Equipment**  
**2301 Candelaria Road**  
**PO Box 6157**  
**Albuquerque, NM 87197**  
**(505) 884-2900**

**Vendor 3:**

**Hertz Equipment Rental Corp.**  
**27500 Riverview Center Blvd.**  
**Bonita Springs, FL 34134**  
**Michael Fuller**  
**(505) 344-5500**

**Vendor 4:**

**United Rentals**  
**2707 Cerrillos Road**  
**Santa Fe, NM 87507**  
**(877) 874-4468**

**Vendor 5:**

**Wagner Equipment Company**  
**4000 Osuna Road, NE**  
**Albuquerque, NM 87109**  
**(505) 345-8411**

RENTAL EQUIPMENT:	RENTAL RATES:					
DESCRIPTION	DAILY		WEEKLY		MONTHLY	
1. Wheel loader, 3-4 Cu. Yd.	622.00	V1	1,684.63	V4	4,125.00	V2
	625.00	V2	1,825.00	V5	4,427.58	V4
	650.00	V5	1,850.00	V2	5,100.00	V5
	670.47	V4	1,866.00	V1	5,600.00	V1
	710.00	V3	2,129.00	V3	6,300.00	V3
2. Backhoe loader, extendahoe, enclosed cab, 4x4, 91 HP or better	200.00	V1	600.00	V1	1,800.00	V1
	350.00	V2	825.00	V5	2,250.00	V2
	350.00	V5	1,000.00	V2	2,375.00	V5
	377.49	V4	1,127.83	V4	2,546.23	V4
	599.00	V3	1,626.00	V3	4,250.00	V3
3. Broom sweeper, enclosed cab, 8 foot brush	225.00	V2	675.00	V2	1,500.00	V2
	250.00	V5	880.00	V5	1,897.00	V4
	257.00	V4	1,034.00	V4	2,100.00	V5
	344.00	V1	1,229.00	V1	2,457.00	V1
	471.00	V3	1,325.00	V3	2,600.00	V3
4. Excavator, 65 HP or better 12' dig depth or better	425.00	V5	1,300.00	V1	3,224.00	V4
	434.00	V1	1,485.00	V5	3,563.00	V2
	525.00	V2	1,600.00	V2	3,700.00	V5
	637.00	V3	1,606.00	V4	3,900.00	V1
	639.00	V4	1,685.00	V3	3,950.00	V3
5. Double drum steel wheel, 2-4 ton with spray bar system	190.00	V1	558.00	V1	1,277.00	V4
	200.00	V2	630.00	V5	1,350.00	V2
	225.00	V5	600.00	V2	1,640.00	V5
	259.00	V4	638.00	V4	1,675.00	V1
	326.00	V3	1,100.00	V3	2,600.00	V3
6. Double drum steel wheel, 4-6 ton with spray bar system	225.00	V1	650.00	V1	1,900.00	V1
	280.00	V5	745.00	V5	1,980.00	V5
	350.00	V2	1,050.00	V2	2,326.00	V4
	399.00	V4	1,163.00	V4	2,363.00	V2
	630.00	V3	1,703.00	V3	4,500.00	V3
7. Pneumatic roller, 8-12 ton with spray bar system	325.00	V2	975.00	V2	2,194.00	V2
	400.00	V5	1,000.00	V5	2,750.00	V5
	835.00	V1	2,503.00	V1	4,500.00	V1
	No Bid	V3	No Bid	V3	No Bid	V3
	No Bid	V4	No Bid	V4	No Bid	V4

RENTAL EQUIPMENT (Continued)		RENTAL RATES (Continued)			
8. Motor Grader, 200 HP or better	655.00	V1	1,966.00	V1	5,063.00 V2
	750.00	V2	2,250.00	V2	5,900.00 V1
	1,000.00	V5	3,000.00	V5	7,500.00 V5
	1,226.00	V3	3,378.00	V3	8,678.00 V3
	No Bid	V4	No Bid	V4	No Bid V4
9. Dozer 130 HP or better	489.00	V1	1,466.00	V1	4,400.00 V1
	750.00	V5	2,080.00	V5	5,625.00 V2
	850.00	V2	2,500.00	V2	5,800.00 V5
	984.00	V3	3,322.00	V3	8,450.00 V3
	No Bid	V4	No Bid	V4	No Bid V4
10. Skid steer loader, 80 HP or better	265.00	V5	855.00	V2	1,782.00 V2
	285.00	V2	920.00	V5	2,300.00 V5
	323.00	V1	967.00	V1	2,419.00 V4
	350.00	V4	997.00	V4	2,900.00 V1
	440.00	V3	1,181.00	V3	3,200.00 V3
11. Tractor scraper, 18 Cu. Yd. pan self-loading	2,000.00	V5	7,500.00	V5	18,000.00 V5
	No Bid	V1	No Bid	V1	No Bid V1
	No Bid	V2	No Bid	V2	No Bid V2
	No Bid	V3	No Bid	V3	No Bid V3
	No Bid	V4	No Bid	V4	No Bid V4
12. Asphalt reclaimer 350 HP or better	3,400.00	V5	9,500.00	V5	26,650.00 V5
	No Bid	V1	No Bid	V1	No Bid V1
	No Bid	V2	No Bid	V2	No Bid V2
	No Bid	V3	No Bid	V3	No Bid V3
	No Bid	V4	No Bid	V4	No Bid V4

# LEASE EQUIPMENT

	Description	Make	Model	Lease Term (Monthly)	Lease Term (Total Hours)	Base Lease Payment (Annual)	Lease Amount (Monthly)	Equipment Substitutions
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Vendor 2:	1. Loader Backhoe	John Deere	310 SL	48	4,000	9,271.20	772.16	Yes (See attached)
		John Deere	310 SL	48	6,000	10,681.80	890.15	Yes (See attached)
	2. Motor Grader	John Deere	770 GP	48	4,000	27,938.28	2,328.19	Yes (See attached)
		John Deere	770 GP	48	6,000	31,178.88	2,598.24	Yes (See attached)
	3. Loader	John Deere	544 K	48	4,000	14597.16	1216.43	Yes (See attached)
		John Deere	544 K	48	6,000	16,638.96	1,386.58	Yes (See attached)

Vendor 5:	1. Loader Backhoe	CAT	420 E2	48	1,000/yr	12,182.16	1,015.18	None
	2. Motor Grader	CAT	140 M3	48	2,000/yr	28,843.32	2,403.61	None
	3. Loader	CAT	930 M	48	1,000/yr	23,551.44	1,962.62	None

Bid Sheets (Continued)MINIMUM BID REQUIREMENTS**LOADER BACKHOE**

**Minimum Specifications:** The following specifications describe a Four Wheel Drive, Backhoe Loader with extendable dipper. If you are unable to provide the exact items listed, please indicate equivalent / substitution that you offer.

	Equivalent / Substitution
<b>Engine:</b> EPA approved, diesel, electronic fuel injection, factory installed turbocharged (altitude compensator not acceptable). Ninety-one (91) SAE net engine horsepower at rated rpm, or better. Dual stage, dry-type air cleaner with inner safety element. Air restriction indicator and pre-cleaner. Spin on-type oil filter(s). Fuel filter and fuel/water separator. Cold weather starting aid "quick start" or equal. Engine block heater.	99 NET HP
<b>Hood:</b> Tilting hood (lockable).	
<b>Exhaust:</b> Vertical exhaust and muffler system, with ninety degree (90°) turn out.	
<b>Cooling System:</b> Liquid cooled, maximum cooling available. Anti-freeze protection to minus thirty-four degrees Fahrenheit (-34° F). Long-life or extended life coolant/antifreeze. Locking lid or cap.	
<b>Transmission:</b> 4-speed, forward and reverse power shuttle. Neutral safety switch. Transmission disconnect system on transmission shift lever. Spin-on transmission filter.	5 Speed Powershift
<b>Fuel Tank:</b> Minimum thirty (30) gallon. Locking lid or cap.	
<b>Steering:</b> Full power, hydrostatic.	
<b>Front Axle:</b> Oscillating, four-wheel drive engaged / disengaged from cab.	
<b>Front Drive Shaft:</b> Manufacturer's standard with drive shaft guard.	
<b>Rear Axle:</b> Heavy-duty axle with cab controlled differential lock, unlock.	

	Equivalent / Substitution
<b>Brakes:</b> Fully enclosed, hydraulic actuated wet disk, individually applied and interlock. Parking brake, spring applied, hydraulic release.	
<b>Ride Control:</b> In cab select ride control.	
<b>Electrical System:</b> Twelve (12)-volt starting and charging system. Ninety (90) amp alternator. Two (2) eight hundred and fifty (850) CCA battery, with lockable lid or cover. Two (2) twelve (12)-volt thirty (30) amp accessory power plugs in the cab. Master disconnect switch.	150 AMP
<b>Lighting:</b> Run-turn-stop-warning lights. Four (4) front and four (4) rear work lights.	
<b>Throttle:</b> Foot and hand lever control with infinite settings with electronic control.	
<b>Tires:</b> Manufacturer's standard front and rear, traction lug-type.	
<b>Hydraulics:</b> Thirty-eight (38) gallons per minute backhoe flow. Twenty-eight (28) gallons per minute loader flow. Reservoir with sight gauge (anti-vandalism protection). Spin-on hydraulic filter. Hydraulic oil cooler.	36 GPM-Backhoe 29.5 GPM-Loader
<b>Instrumentation:</b> Electronic monitoring system for engine, electrical, power train and hydraulics. Provide the following gauges/meters: engine temperature, fuel, converter, hour meter and tachometer. High coolant temperature, low oil pressure, parking brake engagement, shuttle engagement/seat position, backup alarm, shall have audible and visual alarm warning.	
<b>Cab:</b> Fully enclosed ROPS-FOPS pressurized deluxe cab with tinted glass. Not to exceed seventy-seven (77) db(a) decibels sound level. Right/left cab entry. Tilt wheel. Complete rubber floor mat. Factory installed air conditioner. Heater / defroster. Interior rear view mirror. Front - rear windshield wipers with front/rear windshield washers. Sun Visor. Tilt steering wheel. Deluxe cloth suspension seat with safety belt. Storage compartments. Cup holders. Coat hook. Horn, dual switched front and rear. AM/FM Stereo system.	72db Sound level

	Equivalent / Substitution
<b>Fenders:</b> Manufacturer's standard rear fenders.	
<b>Counterweights:</b> Manufacturer's recommended front-end counterweights for safe and efficient operation with extendable dipper stick.	
<b>Operating Weight:</b> Sixteen thousand nine hundred (16,900) pounds as specified.	17 934 LBS
***** <b>Front End Loader</b> *****	
<b>Controls:</b> Single-lever control to raise, neutral, lower, float, curl, dump, return-to-dig, bucket position indicator and clutch disconnect button on loader control.	
<b>Loader Bucket:</b> Heavy-duty general purpose bucket, bolt-on cutting edge. Three (3) lifting eyes or hooks.	
<b>Loader Arms:</b> Heavy-duty manufacturer's standard with safety prop.	
***** <b>Backhoe</b> *****	
<b>Controls:</b> 2-lever joy-stick controls with electric hydraulic pilot operated control system (no cables or rods). In-cab selectable excavator to backhoe control pattern change (no tools required).	
<b>Backhoe Bucket:</b> Twenty-four (24) inch sever-duty. Complete with rock teeth and lifting eye or hook and quick connect system.	
<b>Extendible Dipper Stick:</b> Manufacturer's standard electric hydraulic push button controlled (proportional valve) extendible dipper stick (no cables or rods).	
<b>Boom:</b> Manufacturer's standard heavy-duty boom. One hundred eighty degrees (180°) swing arc. Transport lock.	
<b>Stabilizers:</b> Anti-drift, reversible pads for dirt and street.	
<b>Toolbox:</b> Manufacturer's standard lockable toolbox.	

	Equivalent / Substitution
<b>Paint:</b> Prime and paint at factory with factory standard color.	
<b>Backup Alarm:</b> Single sound level backup alarm with a minimum sound level of one hundred twelve (112) decibels "PRECO" (45a) or prior approved equal.	
<b>Slow Moving Vehicle Emblem (SMV):</b> Slow moving vehicle (SMV) emblem at rear.	
<b>LED Light Bar:</b> "Federal signal" (high-lighter LED 4543015-00003) amber front red rear, mini LED light bar or approved equal mounted on top of cab with rubber mounted metal bracket. Wired and fused separately to a heavy-duty switch.	
<b>Grab Handles/Steps:</b> Cab access grab handles and steps for entering and exiting cab.	
<b>Tie Down Points:</b> Minimum of four (4) designated tie down point, with visual labeling, designed to accommodate chains with five-eighths inch (5/8") hooks.	

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**BID SHEETS (Continued)****MOTOR GRADER**

**Minimum Specifications:** The following specifications describe a variable horsepower, articulating motor grader with rear mounted ripper / scarifier. If you are unable to provide the exact items listed, please indicate equivalent / substitution that you offer.

	<b>Equivalent / Substitution</b>
<b>Engine:</b> EPA Approved in-line, six (6) cylinder diesel. Turbocharger. Variable horsepower range (one hundred eighty-three (183) SAE net engine horsepower through two hundred fifteen (215) SAE net engine horsepower) or better. Entire range at ten thousand (10,000) feet. Spin-on oil filters. Cold weather starting aid "quick start" or prior approved equal. Complete engine side, lockable, panels. Fuel filter and fuel/water separator. Dry type air cleaner with inner safety element. "Sy-klone" pre-cleaner, air restriction indicator. Engine block heater. Horsepower ranges shall be within the specified ranges, no exceptions.	170 NET HP-245 NET HP
<b>Cooling System:</b> Liquid cooled, maximum cooling available. Long-life or extended life coolant. Anti-freeze protection to minus thirty degrees Fahrenheit (-30° F). Locking lid or cap.	
<b>Exhaust System:</b> Vertical exhaust and muffler system, with ninety (90) or forty-five (45) degree turn out.	
<b>Fuel System:</b> Maximum fuel capacity available. Fuel strainer. Locking lid or cap.	
<b>Electrical System:</b> Twenty-four (24) volt starting and charging system. One hundred (100) AMP alternator. Heavy-duty, maintenance free batteries providing one thousand four hundred (1,400) CCA combined. Locking lid or covers. Master disconnect switch. Wire / install two (2) thirty (30) AMP twelve (12)-volt power auxiliary outlets cigarette lighter type in the cab.	100/130/200 AMP
<b>Instrumentation:</b> Multi-stage electronic monitoring system for engine, electrical, hydraulics and transmission. Provide gauges for engine temperature, oil pressure and fuel level. Provide the following meters: hour meter, tachometer and voltmeter. High engine temperature and low oil pressure shall also have visual and audible warning.	

	Equivalent / Substitution
<b>Lighting:</b> Stop-turn-running-warning-backup-lights. Eight (8) forward facing lights and four (4) rear facing lights. Two (2) moldboard work lights. Backup camera.	
<b>Transmission:</b> Full power shift, single control lever. Eight (8) forward speeds and four (4) reverse speeds. Spin-on oil filter and oil cooler. No operator clutching required for direction or gear changes. Transmission neutral safety switch. Factory installed bolt-on transmission bottom guard to completely cover all exposed areas of transmission bottom.	
<b>Rear Axles:</b> Inboard planetary. Operator controlled rear axle differential lock, unlock with switch or foot operated valve, hydraulically actuated engage-able-on-the-go under full engine RPM in any gear (automatic lock/unlock not acceptable).	
<b>Tandem Drive:</b> Oscillating tandem welded box section. Sprocket drive chain in oil-tight housing. Magnetic drain plug and oil level plug. Breather.	
<b>Front Axle:</b> Oscillating front axle with left / right hydraulic power wheel lean.	
<b>Steering:</b> Two (2) cylinder, full power steering with supplemental, secondary emergency steering system that actuates in the event of engine or system failure to meet or exceed SAE J53.	
<b>Frame Articulation:</b> Hydraulic controlled frame articulation behind cab. Rear steer indicator.	
<b>Brakes:</b> To meet or exceed SAE J1473. Hydraulic or air actuated, oil-disc brake system on all four (4) rear wheels. Brakes shall be sealed and fully enclosed to allow operation in water, mud, snow and other adverse weather conditions without encountering brake fade. Parking brake engaged light with in-dash buzzer. Supplemental, secondary emergency brake system to actuate in the event of engine or system failure. Air dryer on air brakes system.	
<b>Tires and Wheels:</b> Six (6), radial tires 14 R24 twelve (12) ply on fourteen (14) inch multi-piece wheels. Spare wheel included.	

	Equivalent / Substitution
<p><b>Cab:</b> Low profile or manufactures standard OSHA approved ROPS / FOPS fully enclosed, sound suppressed cab with cab filter. Tinted safety glass. Factory installed air conditioner. Hand/foot throttle. Decelerator. Electric two (2) speed windshield wipers front/rear with front / rear windshield washers. Dual windshield wipers with washes for lower cab windows. Horn. Forty thousand (40,000) BTU heater. Front / rear two (2) speed fan window defrosters. Defroster demisters for side windows. Tilt steering wheel with front/aft adjustable console or adjustable joy stick controls. Adjustable deluxe cloth suspension seat with safety belt. AM/FM radio. Interior rear view mirror. Manufacturer's standard exterior convex mirrors right/left. Exterior, heated rear view mirrors right/left west coast type. Complete rubber floor mat.</p>	
<p><b>Hydraulic System:</b> Closed-center, load sensing, pressure compensating system. Fifty-four (54) gallons per minute output at two thousand (2,000) RPM. Spin-on oil filter. Hydraulic oil cooler. All hydraulic cylinders shall be chrome plated. Hydraulic reservoir with sight gauge or dipstick. Locking lid or cap.</p>	
<p><b>Control / Valves:</b> Joystick controls or industry standard, short stroke /low effort direct acting controls and valves or electro-hydraulic controls. All hydraulic controls and functions shall be independent of each other.</p>	
<p><b>Draw Bar:</b> Heavy-duty, welded steel box section(s).</p>	
<p><b>Moldboard and Cutting Edges:</b> Carbide insert cutting edges. Fourteen (14) foot single piece moldboard (extensions not acceptable). Seven-eighths (7/8) inch thick. Moldboard lift accumulators. Hydraulic controlled moldboard side-shift, moldboard pitch and moldboard float. Replaceable heat treated end bits.</p>	
<p><b>Circle:</b> Hardened teeth, three hundred sixty degrees (360°) continuous rotation. Adjustable shoes. Hydraulic controlled circle rotation. Circle reverse slip clutch or overload relief valve.</p>	
<p><b>Saddle:</b> Shall have a rotating saddle to either side that will allow ninety degree (90°) &amp; 2:1 left / right bank cutting angle. Hydraulically controlled, obtainable without leaving cab.</p>	

	Equivalent / Substitution
<b>Ripper / Scarifier:</b> Hydraulic controlled rear mounted ripper / scarifier with full set of ripper shanks and scarifier teeth.	
<b>Front Counter Weights:</b> Manufacturer's standard to offset rear ripper / scarifier.	
<b>Rear Hitch:</b> Manufacturer's standard rear hitch with pin.	
<b>Operating Weight:</b> Thirty nine thousand five hundred (39,500) pounds as specified.	42,760 LBS
<b>Toolbox:</b> Manufacturer's standard, lockable metal toolbox.	
<b>Paint:</b> Primer and paint at factory with factory standard color.	
<b>Tie Down Points:</b> Minimum of eight (8) manufacturer's standard designated tie down points. Labeled with the lettering "tie down point".	
<b>Safety Lighting System:</b> Two (2) oval amber / blue LED strobes mounted in metal enclosed housings at rear left-right (location to be determined by user) wired and fused separately to a heavy-duty switch.	
<b>LED Light Bar:</b> "Federal Signal" (high-lighter LED 4543015-00003) amber front read rear, mini LED light bar or approved equal mounted on top of cab with rubber mounted metal bracket. Wired and fused separately to a heavy-duty switch.	
<b>Backup Alarm:</b> Single sound level, one hundred twelve (112) decibels "PRECO" (380) or approved equal.	
<b>SMV:</b> Provide slow moving vehicle (SMV) sign at rear.	
<b>Grab Handles / Steps:</b> Easy access grab handles and steps to enter and exit cab.	

**BID SHEETS (Continued)****LOADER**

**Minimum Specifications:** The following specifications describe a loader. If you are unable to provide the exact items listed, please indicate equivalent / substitution that you offer.

	<b>Equivalent / Substitution</b>
<b>Engine:</b> EPA Approved Certified In-Line Diesel, six (6) cylinder, factory installed turbocharger. Electronic fuel injection. One hundred forty-nine (149) sale net engine horsepower at rated rpm. Spin-on type oil filter(s). Fuel filter and fuel/water separator. Two-stage dry-type air cleaner with inner safety element. "Sy-klone" pre-cleaner. Air restriction indicator. Cold weather starting aid, "quick start" or approved equal. Engine block heater. Complete engine side panels (lockable). Bolt-on engine bottom guard to protect all lower engine areas.	163 NET HP
<b>Exhaust:</b> Vertical exhaust and muffler system with ninety degree (90°) turn out.	
<b>Cooling:</b> Liquid cooled. Maximum cooling available. Long-life or extended life coolant. Anti-freeze protection to minus forty degrees Fahrenheit (-40° F). Locking lid or cap.	
<b>Transmission:</b> Full power shift. Minimum of four (4) forward and three (3) reverse speeds. Bolt-on transmission bottom guard to protect all lower transmissions areas. Transmission cooler and spin-on oil filter. Neutral safety lock. Manufacturer's standard transmission disconnect system.	5 Speed W/ Lock up Torque converter
<b>Final Drives:</b> Inboard or outboard mounted planetary drive system.	
<b>Front Axle:</b> Differential lock. No-spin, limited slip or torque proportioning differential.	
<b>Rear Axle:</b> Differential lock, no-spin, limited slip or torque proportioning differential. Oscillating.	
<b>Brakes:</b> Fully enclosed, hydraulic actuated wet disc. Secondary or supplemental emergency brake system or engine failure (no exceptions). Parking brake with a warning light and buzzer to inform operator that parking brake is applied.	

	Equivalent / Substitution
<b>Ride Control:</b> Manufacture's standard.	
<b>Steering:</b> Center-pivot frame articulation. Fully hydraulic. Safety articulation bar. Shall have secondary or supplemental emergency steering to actuate in the event of steering system or engine failure to meet or exceed SAE J53. Tilt steering column.	
<b>Tires / Wheels:</b> 20.5 x 25 (1-2) ply rating, nylon tires, heavy-duty wheels to meet or exceed operating weight capacity.	
<b>Fuel Tank:</b> Maximum fuel capacity available. Fuel strainer. Locking lid or cap.	
<b>Cab:</b> Fully enclosed (pressurized) OSHA approved ROPS cab with safety glass. Factory installed air conditioner. Front / rear electric two (2) speed windshield wipers with front/rear windshield washers. Heater and defroster (front/rear window) producing thirty thousand (30,000) BTU's. Rear-view mirror (interior). Right and left rear-view mirrors (exterior). Deluxe cloth suspension seat with safety belt. Complete floor mat. Sun visor. Horn. Sound level in cab shall not exceed seventy seven (77) db (a). Access steps and grab handles to cab. AM/FM Stereo system.	
<b>Instrumentation:</b> Electronic monitoring system for engine, electrical, power train and hydraulics. Provide the following gauges/meters: engine temperature, fuel and hour meter. High engine temperature and low oil pressure shall have audible and visual alarm warning.	
<b>Electrical System:</b> Twenty-four (24) volt starting and charging system. Sixty-five (65) amp alternator. Heavy-duty maintenance free batteries, one thousand four hundred (1,400) CCA combined. Locking lid or cover. Master disconnect switch (lockable). Two (2) twelve (12)-volt-thirty (30) amp auxiliary power sources in the cab.	100 AMP
<b>Lighting System:</b> Four (4) front work lights and two (2) rear work lights. Stop turn-warning lights.	
<b>Hydraulic System:</b> Manufacture's axial piston closed center pump producing forty (40) gallons per minute. Hydraulic reservoir with sight gauge, locking lid or cap. Full-flow filter. Hydraulic oil cooler. Chrome plated cylinder rods on all cylinders.	50GPM

	Equivalent / Substitution
<b>Controls:</b> Single or Dual loader control (joystick) for all functions with float. Automatic return to dig function.	
<b>Quick Coupler:</b> Manufacturer's standard hydraulic quick coupler system with cab controls.	
<b>Loader Bucket:</b> General purpose bucket. Quick connect / disconnect type, minimum of three (3) cubic yards capacity. Bolt-on reversible cutting edge with carbide inserts. All pivot points shall have grease provisions or sealed bushings. Three (3) lifting hooks or eyes, one (1) on each end of bucket and one (1) in the center. Replaceable heel wear plates.	
<b>Bucket Cylinder Assembly:</b> Single cylinder "z" bar linkage assembly.	
<b>Breakout Force:</b> Twenty-thousand (20,000) pounds.	19 818 lbs
<b>Fenders:</b> Manufacturer's standard fenders front and rear.	
<b>Operating Weight:</b> Twenty-seven thousand (27,000) pounds without counterweights or ballast in tires.	29,481 lbs
<b>Toolbox:</b> Provide manufacturer's standard lockable tool box.	
<b>Paint:</b> Prime and paint at factory with factory standard color.	
<b>Backup Alarm:</b> One hundred twelve (112) decibels, single sound level backup alarm "Preco" (380) or approved equal.	
<b>Safety Light System:</b> Two (2) oval amber/blue LED strobes mounted in metal enclosed housing at rear left / right (location to be determined by user) heavy-duty switch.	
<b>SMV:</b> Slow moving vehicle (SMV) emblem or sign.	
<b>LED Light Bar:</b> "Federal Signal" (high-lighter LED 4543015-00003) amber front red rear, mini LED light bar or approved equal mounted on top of cab with rubber mounted metal bracket. Wired and fused separately to a heavy-duty switch.	

	Equivalent / Substitution
<b>Grab Handles / Steps:</b> Easy access grab handles and steps for entering and exiting station.	
<b>Tie Down Points:</b> Minimum of four (4) designated tie down points with visual labeling, designed to accommodate chains with five-eighths inch hooks.	

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